

# SEQUENCE LISTING

<110> Walke, D. Wade  
Turner, C. Alexander Jr.

<120> Novel Human Membrane Proteins and  
Polynucleotides Encoding the Same

<130> LEX-0109-USA

<150> US 60/171,567

<151> 1999-12-22

<160> 9

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 603

<212> DNA

<213> Homo sapien

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accttttctt	ttggagttat	cttccttttc	accttggtta	aaccatatcc	aaggtttccc	240
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ttcctaattg	cagtgaaaag	aaaaaccaca	gaaactctga	taatattgag	ccgaataatg	360
aatcttctta	gtgccttgag	agcaatagct	ggaatcattc	tcctcacatt	tggtttcatc	420
ctagatcaaa	actacatttg	tggttattct	caccaaata	gtcagtgtaa	ggctgttact	480
gtcctgttct	tggaattttt	gattacattg	atgactttca	gcattattga	attattcatt	540
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<212> PRT

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			20					25					30		
Phe	Ser	Thr	Gln	Ser	Pro	Leu	Gln	Lys	Leu	Phe	Ala	Arg	Lys	Met	Lys
			35				40					45			
Ile	Leu	Gly	Thr	Ile	Gln	Ile	Leu	Phe	Gly	Ile	Met	Thr	Phe	Ser	Phe
	50				55				60						
Gly	Val	Ile	Phe	Leu	Phe	Thr	Leu	Leu	Lys	Pro	Tyr	Pro	Arg	Phe	Pro
65				70					75					80	
Phe	Ile	Phe	Leu	Ser	Gly	Tyr	Pro	Phe	Trp	Gly	Ser	Val	Leu	Phe	Ile
			85					90					95		
Asn	Ser	Gly	Ala	Phe	Leu	Ile	Ala	Val	Lys	Arg	Lys	Thr	Thr	Glu	Thr

100 105 110  
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 Ile Ala Gly Ile Ile Leu Leu Thr Phe Gly Phe Ile Leu Asp Gln Asn  
 130 135 140  
 Tyr Ile Cys Gly Tyr Ser His Gln Asn Ser Gln Cys Lys Ala Val Thr  
 145 150 155 160  
 Val Leu Phe Leu Gly Ile Leu Ile Thr Leu Met Thr Phe Ser Ile Ile  
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 20 25 30  
 Gln Asn Ser Gln Cys Lys Ala Val Thr Val Leu Phe Leu Gly Ile Leu  
 35 40 45  
 Ile Thr Leu Met Thr Phe Ser Ile Ile Glu Leu Phe Ile Ser Leu Pro  
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 Phe Ser Ile Leu Gly Cys His Ser Glu Asp Cys Asp Cys Glu Gln Cys  
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<210> 5  
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 aaattatttg ctagaaaaat gaaaatctta gggactatcc agatcctgtt tggaattatg 180  
 accttttctt ttggagttat cttccttttc accttggttaa aaccatatcc aaggtttccc 240  
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ttcctaattg cagtgaaaag aaaaaccaca gaaactctga tcaaaactac atttgtggtt 360  
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35 40 45  
Ile Leu Gly Thr Ile Gln Ile Leu Phe Gly Ile Met Thr Phe Ser Phe  
50 55 60  
Gly Val Ile Phe Leu Phe Thr Leu Leu Lys Pro Tyr Pro Arg Phe Pro  
65 70 75 80  
Phe Ile Phe Leu Ser Gly Tyr Pro Phe Trp Gly Ser Val Leu Phe Ile  
85 90 95  
Asn Ser Gly Ala Phe Leu Ile Ala Val Lys Arg Lys Thr Thr Glu Thr  
100 105 110  
Leu Ile Lys Thr Thr Phe Val Val Ile Leu Thr Lys Ile Val Ser Val  
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<211> 450  
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accttttctt ttggagttat cttccttttc accttggtta aaccatatcc aagggtttccc 240  
tttatatttc tttcaggata tccattctgg ggctctgttt tgttcattaa ttctggagcc 300  
ttcctaattg cagtgaaaag aaaaaccaca gaaactctgg gaattttgat tacattgatg 360  
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<212> PRT  
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20 25 30  
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35 40 45  
Ile Leu Gly Thr Ile Gln Ile Leu Phe Gly Ile Met Thr Phe Ser Phe

50                      55                      60  
 Gly Val Ile Phe Leu Phe Thr Leu Leu Lys Pro Tyr Pro Arg Phe Pro  
 65                      70                      75                      80  
 Phe Ile Phe Leu Ser Gly Tyr Pro Phe Trp Gly Ser Val Leu Phe Ile  
                     85                      90                      95  
 Asn Ser Gly Ala Phe Leu Ile Ala Val Lys Arg Lys Thr Thr Glu Thr  
                     100                      105                      110  
 Leu Gly Ile Leu Ile Thr Leu Met Thr Phe Ser Ile Ile Glu Leu Phe  
                     115                      120                      125  
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 cagaaactct gataatattg agccgaataa tgaatcttct tagtgccctg agagcaatag 420  
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